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[Fall 1959]

RETURN POSTAGE GUARANTEED

Gordon M. Hoyt, Orchids

SEATTLE HEIGHTS, WASHINGTON



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Experiments in Genetics

We have now initiated two of a series of these experiments which we hope and believe will add to the knowledge of inheritance in Orchids and have invited all of you who are interested in this phase of Orchid Culture to join us. We intend to keep a record of the results which will be eventually published when sufficient results are in and which we believe will be of distinct benefit to all of us. We did not sufficiently anticipate the great interest that would be evidenced by all of you in this project and are, therefore, still in the process of delivering the original orders received from the first two announcements. However, the more seedlings that are raised the more worthwhile the results become and we have gone ahead and planted a lot more seed from these two original crosses and are inviting all who have not as yet joined in these ventures to do so. We are asking you to report a short description of the color and form of the flowers as they bloom and other pertinent information on a questionnaire which we will supply. It is our goal now to be able to report on several thousand plants from each of these crosses.

No. 1 LH94 C Nellie Roberts 'Tyoh' (C Bow Bells x C Dowiana Aurea, Sheppeys Var.) x self.....\$2.00 ea.; 6 for \$9.00; 12 for \$15.00

Here we have selfed the best Nellie Roberts we have bloomed out of many. A large flower with a shape similar to and equal to the best Bow Bells. The color is mauve even though one parent is white with white and yellow lip and the other is yellow with colored lip. A self cross should, according to theory, recombine the chromosomes in the resulting offspring in many different combinations. The colors expected would be mauve, white with colored lip, white, yellow, and there could be others. We are extremely well pleased with the seedlings. They are very uniform growing with Bow Bells vigor and the leaves have a very heavy substance — just as firm as cardboard. Expect delivery in November.

No. 2 LH75 Potinara Tripoli 'Tyoh' AM-AOS (BLC Ishbel x SLC Romona) x self.....3 for \$6.00; 6 for \$10.00

This flower has petals and sepals of a salmon-red color, lip of deep purple crimson. Good form and substance, a vigorous grower. Four different genera are involved: namely, Cattleya, Laelia, Brassavola and Sophronitis. In this self cross, the recombination of the chromosomes should result in a wide range of interesting types and some very fine flowers should result. Delivery of new orders probably not before spring 59. You may reserve seedlings and pay when ready for delivery, if you wish.

Additional Awarded and Exhibition Type Orchids

In our last offering, we listed a number of our fine Exhibition and Stud plants. Here we are naming a few additional ones. Write for our special list just out on exhibition and stud plant divisions now available.

CATLEYAS

LC Grubstake 'Valiant' AM-AOS
C Bow Bells 'Canadian Welcome' AM-RHS
BLC Norman's Bay 'Ralph Wagner' AM-AOS
C Bob Betts 'White Dawn' AM
C Bow Bells 'Snowball' HCC
LC Bonanza 'Francis Wilkinson' AM-ODC
BLC Norman's Bay 'Countess' AM-AOS
LC Tethys 'Midnight' AM-AOS
LC Anubis 'Criterion' Gold Metal
C Leah Addis 'Vallamar'
BC Miranda 'Chartreuse Queen' AM-AOS
BLC Orange Glory 'Empress' FCC-RHS

CYMBIDIUMS

Balkis 'Perfection'
Balkis 'Snowden'
Balkis 'Montecita'
Jena Bailey 'Aridine' AM-AOS
Delrosa 'The Queen' AM-AOS
Bodmin Moor 'Twin Brook' AM-AOS
Ethel Ward 'Sea Green' AM-AOS
Sussex 'Laelia Sasso' HCC-NSW
Janette 'Enid Haupt' AM-AOS
Starlight 'FCC-RHS'
Cariga 'Golden Glory' AM-RHS
Princess Elizabeth 'Maisie' AM-NSW

Seed and Pollen Bank

We are taking this opportunity to announce our new seed and pollen bank. After considerable time spent in experimentation, we have been able to keep seed fresh for a number of years. We have just recently bloomed a seedling, and after seeing and evaluating the results, replanted the original seed and obtained satisfactory germination. Pollen when properly stored can, we understand, be kept viable for at least a year and perhaps for a lot longer. We plan to continue this study. We have just recently issued a separate list of seed available and invite those interested to drop us a card and we will be glad to send this offering.

Blue Ribbon Orchid Flasks

During the past year we have offered from time to time transplanted 500cc flasks of outstanding crosses. The demand for these has been substantial and, as a result, we are now offering a greater selection. One of the greatest reasons for the success is the new formula we are using when these bottles are transplanted. This results in large, husky seedlings (50 or more) ready for community pots that are very easy to grow. A few are generally ready to go into individual pots direct from the flask. In addition, we furnish complete growing instructions; our time tested method.

LW97	BLC Norman's Bay 'Ralph Wagner' AM-AOS x LC Bonanza 'Mildred Wagner' AM-AOS	\$25.00
	Outstanding crosses of the day. Glowing mauve expected. Delivery Oct.-Nov.	
LH99	SLC Brandywine (SLC Lindores '****' x SLC Anzac 'Orchidhurst' FCC-RHS	35.00
	Expect top red. Here using Black & Flory's best Lindores. Delivery May & June '59.	
LH107	SLC Anzac 'Orchidhurst' FCC-RHS x self	35.00
	Famous red Orchid, a husky grower, selfed should produce fine reds. A few left. Delivery Sept.-Oct.	
LH113	LC Coventry 'Gretchen Hoyt' AM-AOS x LC Edgard Van Belle 'Golden'	25.00
	Fine orange-yellow x with golden yellow. Delivery Sept.-Oct.	
LH114	LC Golden Joy 'Dream' x LC Grande 'Jules Furthman'	25.00
	Grande a proven yellow stud plant with perfect yellow. Delivery Sept.-Oct.	
LH115	LC Edgard Van Belle x LC Grande 'Jules Furthman'	25.00
	Here Grande is crossed with fine new strain of yellows. Delivery Sept.-Oct.	
LH116	LC Derrynane alba 'Seattle Heights' HCC-ODC x LC Edgard Van Belle	25.00
	White petals and sepals with solid red lip crossed yellow. Delivery Sept.-Oct.	
LH118	LC Bonanza 'Mildred Wagner' AM-AOS x LC Bonanza 'Francis Wilkinson' AM-ODC	25.00
	This sybiling cross of award plants should produce some superior types. Delivery Sept.-Oct.	
LH131	LC Bonanza 'Mildred Wagner' AM-AOS x LC Seattle 'Dolores' HCC-ODC	35.00
	This fine Bonanza with Black & Flory's finest shape dark mauve. Delivery April-May '59.	
LH135	LC Golden Concolor 'Golden Fleece' x SLC Anzac 'Orchidhurst' FCC-RHS	25.00
	Yellow with all yellow lip. Expect orange to red. Delivery Sept.-Oct.	
LH140	LC Edgard Van Belle x LC Seattle 'Dolores' HCC-ODC	25.00
	Yellow with dark purple should give bronze and unusual colors. Delivery April-May '59.	
LH156	C Guttata 'Leopardina' x self	15.00
	Bloomed with 38 flowers on one spike. Green bronze, crimson lip. Delivery April-May '59.	
LH157	C Guttata 'Leopardina' x LC Elstead Gem	15.00
	Same as above crossed true green, clear color with crimson lip, small. Delivery April-May.	
LH138	C Bow Bells 'Richmond 1' x self	50.00
	One of best. Award quality. Bloomed with five flowers to stem. Delivery Oct.-Nov.	
LB3083	C Loddigesii 'Harrisoniae alba' x C Bow Bells 'Susan'	25.00
	Expect spray type whites. Perhaps some with BB shape. Delivery Nov.-Dec.	
CH62	Cymbidium Chesham x Balkis 'Belle' BA-ODC	25.00
	First pastel, green to pink with Superior white Balkis. Delivery Sept.-Oct.	
CH76	Cymbidium Armada x Alexanderi 'Westonbirt' FCC-RHS	25.00
	Fine clear green diploid with most famous stud. Delivery April-May '59.	
VH50	Miltonia St Andre x Odontioda Astoria 'Adonis'	25.00
	A Vuylstekeara. Shades of pink. Grow like Miltonias, rarely offered. Delivery Sept.-Oct.	
OH51	O Talulah x O Crispania 'White'	25.00
	Expect many flowered sprays of white flowers. Delivery Oct.-Nov.	
OH53	O Faidherbe 'Profusion' HCC-ODC x Crispum Premier 'White Lip'	25.00
	Branching spikes fine shape purple with large all white. Delivery Oct.-Nov.	

These will be shipped out of flask via air postpaid. If desired, shipped in flask, add \$1.50. Foreign orders FOB Seattle with an allowance as if shipped to eighth parcel post zone in U. S. Half flasks may be ordered, priced at 60% of flask price. Shipped out of flasks in polyethylene bags. Guaranteed safe delivery.

Cattleya Seedlings

Bare-Root Community Pot Seedlings — Ready for Individual Pots

LH82	C Bicolor 'Curson' x SLC Anzac 'Orchidhurst' FCC-RHS \$1.50 Bronze-Green Bifoliate with red. Interesting and unusual types expected.	LH101	SLC Miami 'Red Coat' x SLC Anzac 'Orchidhurst' FCC-RHS 2.50 Remake of our H32 with identical parents. First of H32 should bloom shortly. Fine grower. Exhibition reds expected.
LH83	C Mossiae 'Reineckiana' x C Bob Betts 'April' 1.50 Probably mauve although an old English magazine says will give white with colored lip. Regardless expect spring bloomer.	1940	BLC Nanette x LC Grande 'Jules Furthman' 2.50 White Brasso with famous yellow stud. Should bloom at a different season than Laelio Cattleya yellows.
LH86	Thurderiana x C Bicolor 'Curson' .. 1.50 Fine, good-shaped yellow with Bicolor. Expect Bronze-greens to yellows.	1941	BLC Nanette x LC Canberra 2.50 Same white, has a stripe of purple down base of lip. Expect fine yellows, Canberra outstanding yellow.
LW97	BLC Norman's Bay 'Ralph Wagner' AM-AOS x LC Bonanza 'Mildred Wagner' AM-AOS 2.50 Two of the best of these outstanding crosses mated. Should produce many outstanding intense mauve flowers.	LH69	C Tethys 'Leo' x LC Seattle 'Village Prince' 1.50 One of the darkest Tethys crossed with large fine shape mauve.
LH98	BC Thalie (BC Deesse x C Odalisque) x self 1.50 Fine, white Brasso with white. Expect Flushed white, pure white, perhaps white colored lip, large fine flowers.	LH103	BLC Edwin Chong x LC Seattle 'Dolores' HCC-ODC 1.50 Fine large dark lavender x with best of Seattle, judged with only one bloom.

2 and 3 Growths

LH78	C Guttata 'Leopoldii' x C Bob Betts 'April' 2.50 First, bloomed with 30 flowers crossed with best quality spring blooming white.	607	LC Rincon Hill 'Bonanza' x LC Grub Stake 'El Dorado' 3.00 Expect spring blooming deep rose-purple. Parents award quality.
LH45	C Nellie Roberts 'Thanksgiving' x LC Lorraine Shirai 3.00 Expect all colors but half should be yellow. Some with Bow Bells shape.	T115	C Joyce Hannington x Joyce Hannington 3.50 Two fine whites crossed. Should rank with Bow Bells.
LH71	LC Derrynane x LC Seattle 'Village Prince' 3.00 Two large fine shaped flowers. Mauve with red lip. Expect exhibition types.	1417	C Loddigessii alba x LC Elinor 3.00 Bifoliate type, white crossed with fine yellow.
LH52	LC Rosemary Upton (C Bow Bells 'Eagle' x L Pumila 'alba') x self 3.50 While both parents were pure white, a large mauve resulted. A self would produce some miniature white Bow Bells type flowers of fine shape.	LH81	C Bicolor 'Curson' x C Bob Betts 'April' 2.50 Bronze-Green Bifoliate crossed with fine white.

3 and 4 Growths

357	C Arctic Circle x C Bob Betts 'Polar Bear' AM-AOS 6.00 Expect a good formed flower, good substance and clear white color.	LH33	C Rose Andrade x C Bob Betts 'April' 6.00 First white with all white lip, with finest type Bob Betts.
680	C Hardyana alba 'Queen Mary' FCC-MOS x LC Grande 'Jules Furthman' 5.00 Color should be deep yellow S & P with reddish-purple lip.	592	LC Bonanza 'Comstock Lode' x C Ardentissima 'Negus' 5.00 Darkest strain of Ardentissima bred to one of the best Bonanzas.
266	C Ardentissima 'Negus' x LC Kismet 'The Spinney' AM-RHS 10.00 Some have bloomed. Form and substance good and color excellent. Rich purple.	536	LC Bonanza 'Gaiety' x BLC Norman's Bay 'Royal Bride' AM-RHS 7.50 Some fine ones have bloomed. Warm crimson-purple deep lip.

Cattleyas

Flowering Size or Near Flowering Size

B1551 C Angus x LC Princess Margaret 'Langley'10.00
Producing many fine, large, good-shaped mauve flowers. Vigorous growing, easy blooming.

B1547 Pot. Red Friar x LC Princess Margaret 'Langley'15.00
Salmon red Pot. with same as above. This is probably Black & Flory's most famous and dependable stud.

B1687 LC Eva Robinson x LC Princess Margaret 'Langley'12.50
This first named is famous in its own right and this combination should give the tops in mauve flowers.

B1896 C Bow Bells x LC Aconcagua FCC-RHS12.50
A speculation, white, with white with colored lip. 3½" pot size to bloom within a year.

B1543 Rosemary Upton (C Bow Bells 'Eagle' x L Pumila alba)15.00
Mauve with interesting breeding possibilities. Very round flat flower, good size. Pumila all white.

DCH42 SLC Volga (SLC Soulange x C Angus) 4 to 6 adult bulbs15.00
All divisions of same clone. Blooms for us twice a year. Very rapid grower; large, heavy substance, purple.

LH59 C Bob Betts (C Bow Bells x C Mossiae var. Wagneri)20.00
Selected varieties of one of the finest spring blooming whites. 3 adult bulb divisions.

LH428 C Bow Bells (Edithiae x Suzanne Hye) 3 adult bulb divisions25.00
The original Langley strain. Still probably the best of the whites. Can be controlled to bloom at Christmas.

Cymbidium Seedlings

Bare-Root Seedlings — Ready for Individual Pots

CH39 Blue Smoke 'Fine Var.' x Balkis 'Belle' BM ODC 1.75
Named San Francisco. Made with various clones has won a number of awards already. Green to white to yellow shades.

CH40 Prince Charles 'Josiah' BM ODC x Balkis 'Belle' BM ODC 2.50
First light pink, clear color, fine shape and substance. 19 flowers to spike. Balkis fine shape white with pink lip.

CH41 Balkis 'Belle' BA-ODC x self 2.50
This should produce some superior forms of Balkis. Undoubtedly flushed pink and white flowers.

CH42 Nila x Green Giant 1.75
Expect some fine green diploids. Large and heavy substance. Green Giant 6-7/16" across petals. Solid fern green, yellow lip, spotted red.

AF74 Alexanderi 'West.' FCC-RHS x Prince Charles 'Josiah' BA-ODC 1.75
Outstanding whites and flushed flowers expected. This clone of P.C. has clear flowers without stripes.

In Individual Pots

	8-12"	12-18" ² growths
CH17 Prince Charles 'El-Retiro' x Green Giant	\$7.50	\$10.00
Giant 6-7/16" across petals crossed with dusted pink tetraploid.		

	3.50	5.00
CH18 Brita x Prince Charles 'El-Retiro'		
Both fine dusted pinks; results pink triploids.		

	\$3.50	5.00	7.50
CH23 Cygnus 'Everett' x Prince Charles 'Josiah' BA-ODC			
Both have had 19 flowers to spike. Some extra fine whites to blush expected.			

	3.50	5.00
CH25 Mayfair 'Sultan' x Prince Charles 'Josiah' BM ODC		
First to bloom intense clear yellow with touch of apricot on petals. Expect pinks, also.		

	3.50	5.00	7.50 ²
CH28 Mayfair 'Sultan' x Balkis 'Belle' BA-ODC			
Mayfair very dark red with full shape. Balkis large, fine, white, free blooming.			

	3.50	5.00	7.50
CH33 Prince Charles A9-49 x Balkis 'Belle' BA-ODC			
Two tetraploids. Soft pink, heavy substance. Crossed to white.			

	5.00	7.50
CH38 Balkis 'Belle' BA-ODC x Green Giant		
Have our hopes pinned on this cross. White with huge fern green of very heavy substance, early blooming.		

	3.50	5.00
495 Swallow (Pauwelsii C de H. FCC-RHS x Alexanderi West. FCC-RHS)		
A remake of one of the finest crosses ever made. A wide range of colors. Large fine shaped flowers.		

Cypripedium Seedlings

Leaf Spread
3-4" 5-6" Larger

- PH11 Leven x Hellas 'Westonbirt' FCC-RHS**\$5.00
First is round fine shape yellow, no spots. Hellas is one of finest honey colored large white margin on dorsal.
- PH12 Emmer Green x Elizabeth Keeley 26..** 3.50 \$5.00
Two of the best greens. Clear colors, very fine shapes. 26 large flower.
- PH14 Elizabeth Keeley 26 x Hellas 'Westonbirt' FCC-RHS** 7.50 \$10.00
Finest green-yellow crossed with plant Mr. Alexander considered probably his best.

Leaf Spread
3-4" 5-6" Larger

- PH16 Borburn (Bordube x Chardmoore)** 3.50 5.00
A remake of a very fine award winning cross. White with green & tan infusion.
- PM105 Rameses 'Distinction' x Bromohur** 5.00 7.50
Evenly spotted white dorsal, green area at bases. Mahogany pouch and petals.
- PM122 Aigrette 'Balleriana' x Oliviana** 3.50 5.00
Expect yellow-green flowers of good shape.

Miscellaneous and Unusual Type Seedlings

- CA1 Lycaste Skinneri x Locusta FCC-RHS**\$3.00
Large, fine pink crossed with finest award green.
- 99 Vanda Emma Van Deventer x Coerulea** 3.00
Here same parent that made Nellie Morley is used with blue Coerulea. Fine possibilities.
- 502 Phalaenopsis Doris x Aalsmeer Rose 2 1/2" pot size** 2.50
Expecting a fine type pink here.
- 93 Phalaenopsis Fairway Park (Tommy Tucker 'Monarch' AM-AOS x Winged Victory 'Admiral' BC-ODC) 3" pot size** 4.00
Two award winning whites. Should produce the best.
- 193 Phalaenopsis Grace Palm (Winged Victory x Doris) 2 1/2" pot size** 2.50
A remake of this fine cross using a finer Doris.
- WK9 Miltonia Warscewiczii x Spectabilis** 2.50
A warm growing Miltonia of Bronze color expected.

Special Values

We have many fine hybrid crosses with only a small quantity of plants available, too few to put on a listing. Hence, we are offering the following assortments at prices which represent a saving over the regular price.

Fine Hybrid Blooming Size Plants

1 plant \$8.50 Two \$15.00 Three \$18.75 Four \$23.00 Five \$27.50

May be Cattleyas, Cymbidiums, Cypripediums, Miltonias, Odontoglossums all of one genera or any combination of the above genera that you desire.

Fine Hybrid Seedlings

Four small seedlings of the above genera are offered at \$10.00. These also may be all of one genera or assorted, whichever you prefer.

We will carefully select these plants and they will all be labeled as to name or cross.

Miltonia Seedlings

		Size	
		5"-8"	2 growths Larger
MH19	Alderwood (Solfatari x Wych Cross)	\$5.00	\$7.50
	Yellow shades. Some fine exhibition types have already appeared.		

MH20	Bellingham (Wych Cross x Woodlands alba)....	5.00	7.50
	White ground with pink areas on petals. Some have coal black mask, others brown.		

MH31	Wych Cross x self	\$3.50	5.00
	Parent fine yellow with Apricot overlay.		

MH33	Lingwood x Lyceana 'Stamperland' FCC-RHS	5.00	7.50
	First large solid red. Lyceana large solid red with white margin. Great promise.		

MH34	Lynnwood (Lime-light x H T Pitt)	3.50	5.00
	A remake of our original cross. All flowers shades of red. Plant has small growth habit.		

		Size	
		5"-8"	2 growths Larger
MH39	Brama 'Betty Hale' SA-ODC x Limelight' 'Imogene' AM-AOS	5.00	7.50
	Both large, fine shaped reds with white half inch margin edging the lip.		

MH40	Woodlands 'Ebony' x self.....	5.00	7.50
	Our most spectacular flower. Deep cardinal red throughout, with a black mask outlined in white.		

MH45	Lynnwood 'Dolores' x Woodland 'Ebony'	3.50	5.00
	Variety Dolores is the deepest red, with small growth habit. Fine reds expected.		

MH49	Solfatari x Woodlands 'Ebony'	3.50	5.00
	Our proven stud yellow is used here. Interesting combinations of red and yellow possible.		

MH51	Firefly AM-AOS x Woodlands 'Ebony'	3.50	5.00
	Firefly fine large yellow with large red areas at base of petals and sepals and outlining mask on lip.		

Miltonias bloom early. The two growth plants should bloom within a year. Write for our list of adult and awarded exhibition plants.

Fine Adult Flowering Plants

V108	Jean Sabourin (Aurora x Picadilly)	\$17.50
	Large solid red flowers. A number have been awarded.	

V109	Anjou (Hoggar x Picadilly)	15.00
	Another fine red. Free blooming. This cross has also been awarded.	

Odontoglossums and Odontioda Seedlings

		Size	
		1 Bulb & NG	Larger
AB50	Oda Toretus x Oda Mayfield	\$5.00	
	Odontiodas can be grown at warmer temperatures than Odontoglossums. Various shades of crimson.		

OH5	O Moonlight x O Alorous	7.50	
	Bloomed several fine ones. One white with purple edging on petals and sepals.		

OH7	Oda Astoria 'Adonis' x Crispum Premier type 'Edmonds'	5.00	
	Fine shape large rose Odontioda with choice white Crispum.		

OH13	O Gavotte x O Crispania 'Gretchen Hoyt' AM-AOS..	5.00	7.50
	Choice white crossed with award yellow. Seattle Show sweepstakes winner.		

		Size	
		1 Bulb & NG	Larger
C2	Oda Argia 'Argus' x Oda Aysa		7.50
	Blooming size. Most combinations of red and crimson. Some fine types have bloomed.		

OH26	O Ismene x O Mirimar 'Hill'	3.50	
	Fine shaped white crossed with clear yellow. Should produce clear light colors.		

CW1	O Crispum 'Polaris' x O Crispum 'Eucharis'	5.00	
	Both fine Premier types. Whites with full round shape and good substance expected.		

1195	O Pedrita x O Petit Ami 'Triomphe' AM-AOS	3.50	5.00
	Expect designs of deep purple. Fine shapes with extra heavy substance.		

Larger Size Should Bloom Within Year

Please ship the following Orchid plants from this listing.